

WHAT IS CLAIMED IS:

1. A transparent conductive multi-layer structure which comprises a substrate overlaid with a support which in turn is overlaid with a conductive layer containing fine conductive particles, said multi-layer structure having a surface resistance of $10 - 10^3 \Omega/\square$ and a visible light transmittance of at least 70%.

2. The transparent conductive multi-layer structure according to claim 1, wherein the fine conductive particles are the fine particles of indium-tin oxide (ITO).

3. The transparent conductive multi-layer structure according to claim 1, wherein the substrate is a glass panel or a resin panel.

4. The transparent conductive multi-layer structure according to claim 1, wherein the conductive layer is overlaid with a hard coating layer.

5. The transparent conductive multi-layer structure according to claim 1, which has a haze value of 1 - 10%.

6. A process for producing the transparent conductive multi-layer structure of claim 1 which comprises producing a transparent conductive film by applying a dispersion of fine conductive particles onto a support, drying the applied coating

to form a layer containing the fine conductive particles, compressing the layer to form a compressed layer of the fine conductive particles, and thereafter applying thusly produced transparent conductive film on a substrate.

7. The process according to claim 6, wherein the dispersion of the fine conductive particles is substantially free of a binder resin.

8. A transparent conductive multi-layer structure which comprises a substrate overlaid with a conductive layer containing fine conductive particles, said multi-layer structure having a surface resistance of $10 - 10^3 \Omega/\square$ and a visible light transmittance of at least 70%.

9. The transparent conductive multi-layer structure according to claim 8, wherein the fine conductive particles are the fine particles of indium-tin oxide (ITO).

10. The transparent conductive multi-layer structure according to claim 8, wherein the substrate is a glass panel or a resin panel.

11. The transparent conductive multi-layer structure according to claim 8, wherein the conductive layer is overlaid with an anchor coating layer and a hard coating layer in that order.

12. The transparent conductive multi-layer structure

according to claim 8, which has a haze value of 1% to less than 10%.

13. The transparent conductive multi-layer structure according to claim 8, which has a haze value of 10 - 50%.

14. A process for producing the transparent conductive multi-layer structure of claim 8 which comprises producing a transparent conductive film by applying a dispersion of fine conductive particles onto a support, drying the applied coating to form a layer containing the fine conductive particles, then compressing said layer to form a compressed fine conductive particles layer, and subsequently adhering to a substrate said compressed fine conductive particle layer of the transparent film, and thereafter stripping away the support from the compressed conductive layer.

15. A process for producing the transparent conductive multi-layer structure of claim 8 which comprises preparing a support overlaid with a hard coating layer and an anchor coating layer in the order, producing a transparent conductive film by applying a dispersion of fine conductive particles onto the anchor coating layer, drying the applied coating to form a layer containing the fine conductive particles, then compressing said layer to form a compressed fine conductive particles layer, and subsequently adhering to a substrate said compressed fine conductive particles layer, and thereafter stripping away the support from the hard coating layer.

